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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/812,930	03/31/2004	Satoshi Yoshida	250953US2	4916

22850	7590	10/10/2007
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ALEXANDRIA, VA 22314		

EXAMINER	
FINDLEY, CHRISTOPHER G	

ART UNIT	PAPER NUMBER
2621	

NOTIFICATION DATE	DELIVERY MODE
10/10/2007	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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Office Action Summary

Application No.

10/812,930

Applicant(s)

YOSHIDA, SATOSHI

Examiner

Christopher Findley

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- ☒ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 3/31/2004.

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: ____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. **Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by Totani et al. (US 20020152011 A1).**

Re claim 1, Totani discloses a vehicle on-board adapter including a display output terminal (Totani: paragraph [0004]), a first image input terminal (Totani: paragraph [0013], a switch must have at least 2 inputs), a second image input terminal and a circuit portion (Totani: paragraph [0013], a switch must have at least 2 inputs), the display output terminal being the one which is connected to a genuine vehicle on-board display unit (Totani: paragraph [0004]; Fig. 2; paragraph [0020]), the first image input terminal being the one which is connected to a non-genuine image output equipment (Totani: Fig. 2, non-genuine deck 10; paragraph [0013]), the second image input terminal being the one which is connected to a genuine vehicle on-board image output equipment (Totani: Fig. 2, navigation computer 1, air conditioning computer 2, other computer 3; paragraph [0013]), and the circuit portion delivering at least one of a signal fed to the first image input terminal and a signal fed to the second image input terminal, from the display output terminal (Totani: paragraph [0013]).

Re claim 2, Totani discloses a terminal for transmitting and receiving a LAN signal which indicates a control result of the circuit portion (Totani: paragraph [0007]).

Re claim 3, Totani disclose a terminal for receiving a LAN signal for grasping a condition of the genuine vehicle on-board image output equipment (Totani: paragraph [0007]).

Re claim 4, Totani discloses a terminal for transmitting and receiving a quasi LAN signal, which indicates that the signal fed to the first image input terminal is delivered from the display output terminal or the signal fed to the second image input terminal is delivered from the display output terminal (Totani: paragraphs [0023]-[0024]).

Re claim 5, Totani discloses a terminal for receiving a LAN signal for grasping a condition of the genuine vehicle on-board image output equipment (Totani: paragraph [0024, the voltage is changed according to an "on" or "off" state of the non-genuine unit), the LAN signal for grasping a condition of the genuine vehicle on-board image output equipment includes said quasi LAN signal (Totani: paragraphs [0023]-[0024]).

Re claim 6, Totani discloses a vehicle on-board system including a vehicle on-board adapter, a genuine vehicle on-board display unit, a genuine image output equipment and a non-genuine image output equipment (Totani: Fig. 2), the vehicle on-board adapter being as set forth in claim 1, the genuine vehicle on-board display unit being connected to the display output terminal (Totani: paragraph [0004]; Fig. 2; paragraph [0020]), the non-genuine vehicle on-board image output equipment being connected to the first image input terminal (Totani: Fig. 2, non-genuine deck 10;

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paragraph [0013]), the genuine vehicle on-board image output equipment being connected to the second image input terminal (Totani: Fig. 2, navigation computer 1, air conditioning computer 2, other computer 3; paragraph [0013]), and the genuine vehicle on-board display unit displaying thereon a signal fed from the display output terminal in the form of an image, on the basis of the signal fed to the first image input terminal or the second image input terminal (Totani: paragraph [0013]).

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

a. Wireless local area network vehicular adapter

Seick et al. (US 6975884 B2)

b. Automotive network and adapter

Moon (US 6563418 B1)

Contact

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Christopher Findley whose telephone number is (571) 270-1199. The examiner can normally be reached on Monday-Friday 7:30am-5pm, Alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mehrdad Dastouri can be reached on (571) 272-7418. The fax phone

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number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Christopher Findley/

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